

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
 Data File : BF126420.D
 Acq On : 30 Dec 2021 15:19
 Operator : JU/CG
 Sample : M5237-01 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1S

Quant Time: Dec 30 15:44:52 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 04:30:49 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

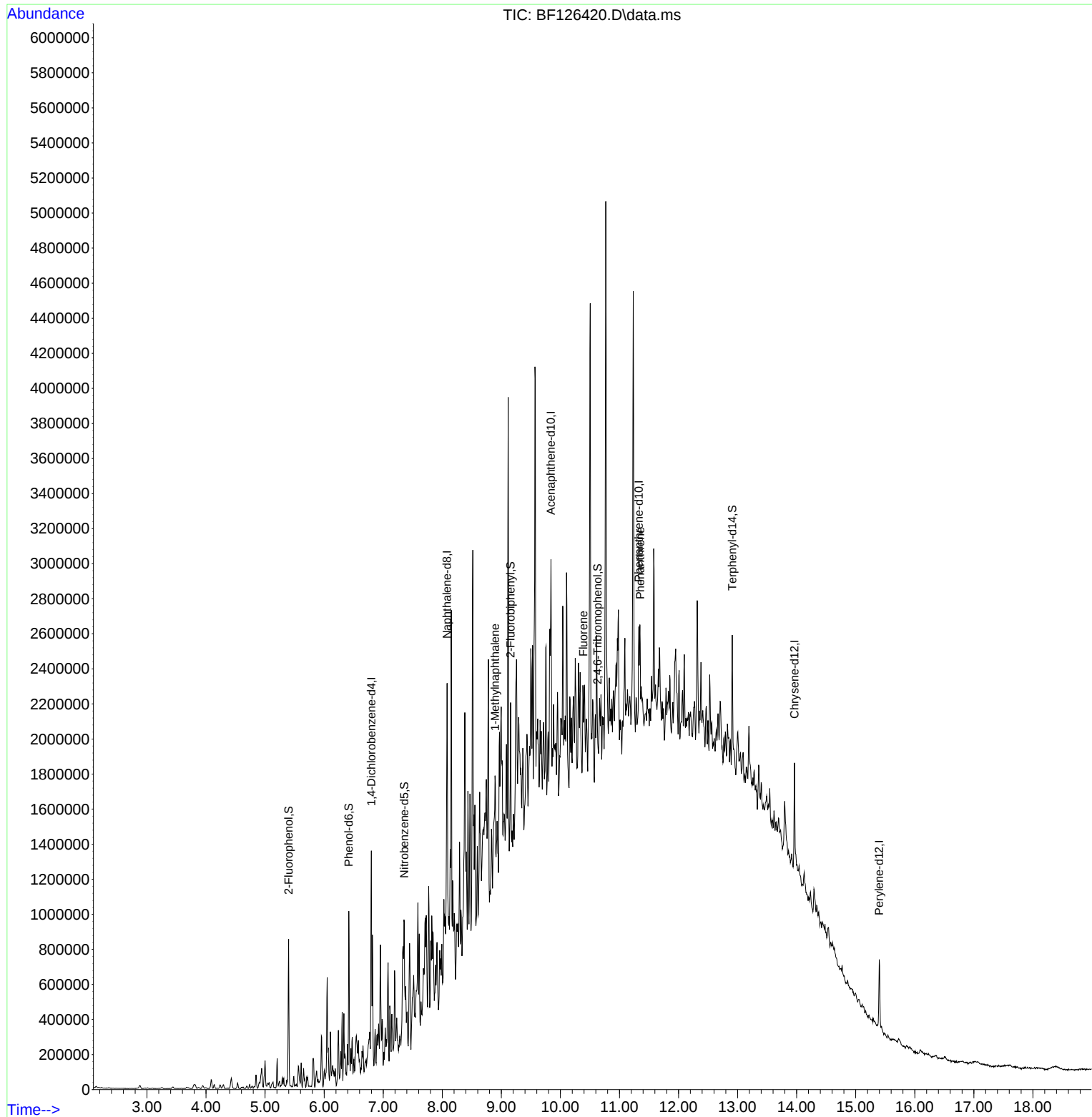
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	152928	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	549913	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	193406	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	276235	20.000	ng	0.00
76) Chrysene-d12	13.963	240	203850	20.000	ng	0.00
86) Perylene-d12	15.398	264	163639	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	207450	19.480	ng	0.00
7) Phenol-d6	6.416	99	286920	20.802	ng	-0.01
23) Nitrobenzene-d5	7.357	82	202950	18.950	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	17853	11.946	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	222254	20.222	ng	0.00
79) Terphenyl-d14	12.910	244	148244	14.129	ng	0.00
Target Compounds						
38) 1-Methylnaphthalene	8.892	142	109063	7.367	ng	Qvalue 96
58) Fluorene	10.386	166	27816	2.724	ng	# 85
71) Phenanthrene	11.351	178	95897	6.790	ng	# 91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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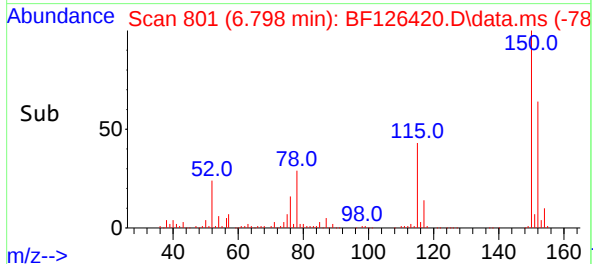
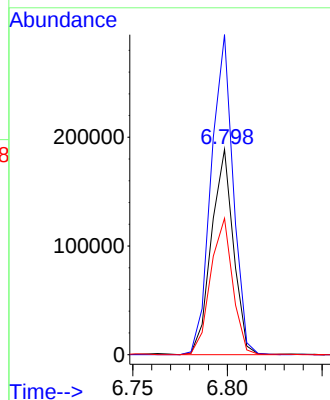
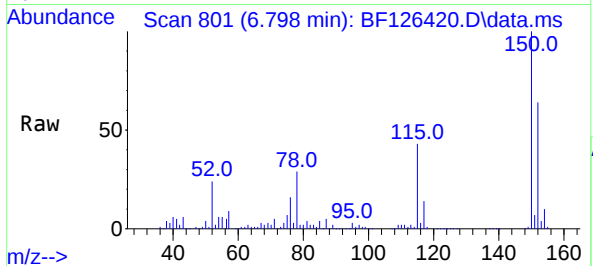




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF126420.D
Acq: 30 Dec 2021 15:19

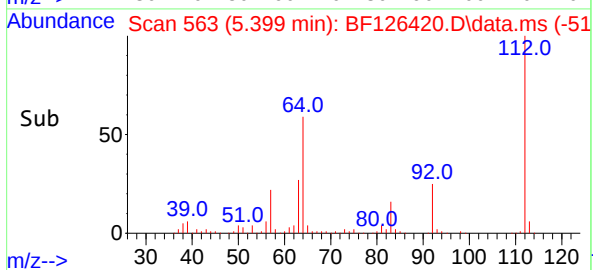
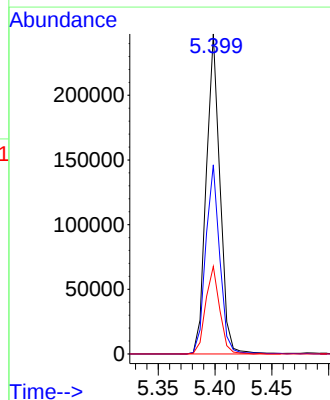
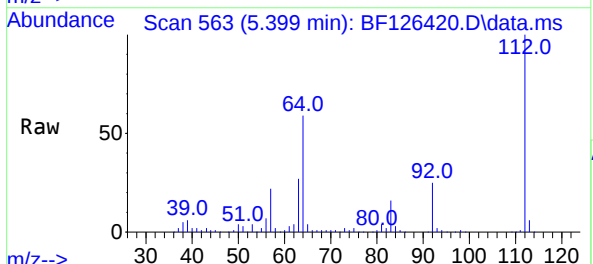
Instrument :
BNA_F
ClientSampleId :
TP-1S

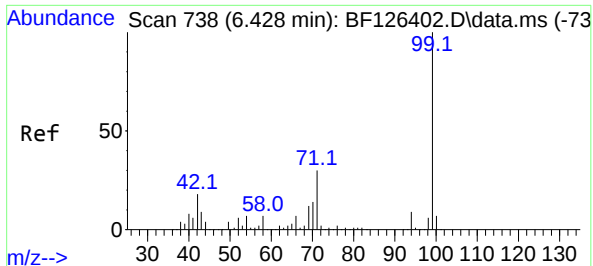
Tgt Ion:152 Resp: 152928
Ion Ratio Lower Upper
152 100
150 155.8 128.1 192.1
115 66.4 56.7 85.1



#5
2-Fluorophenol
Concen: 19.480 ng
RT: 5.399 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF126420.D
Acq: 30 Dec 2021 15:19

Tgt Ion:112 Resp: 207450
Ion Ratio Lower Upper
112 100
64 59.1 49.5 74.3
63 27.4 23.9 35.9

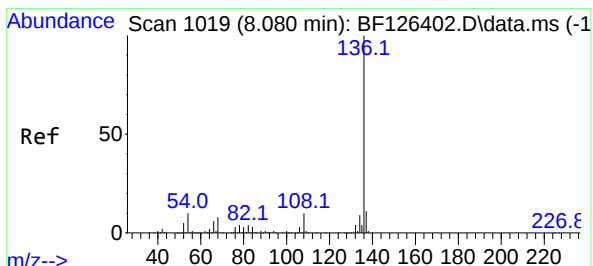
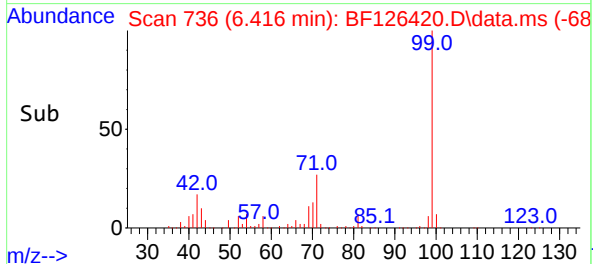
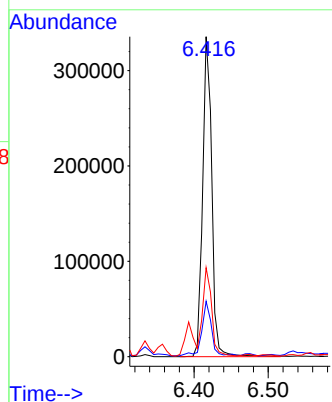
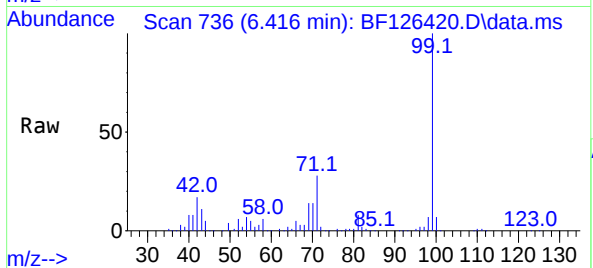




#7
Phenol-d6
Concen: 20.802 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126420.D
Acq: 30 Dec 2021 15:19

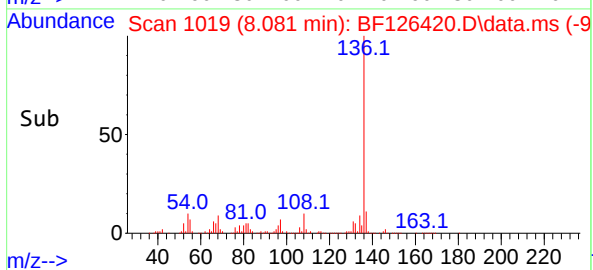
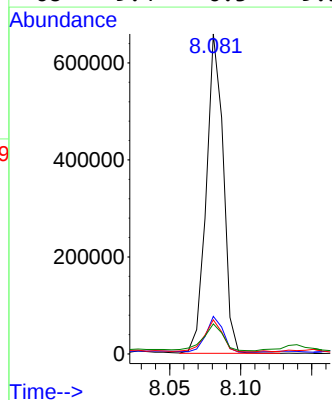
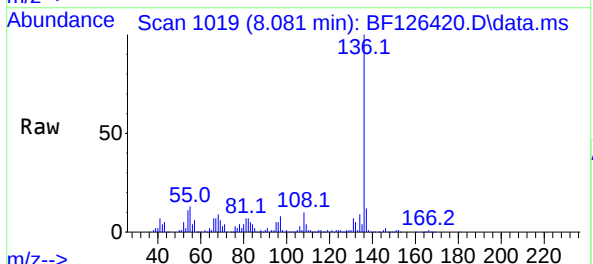
Instrument :
BNA_F
ClientSampleId :
TP-1S

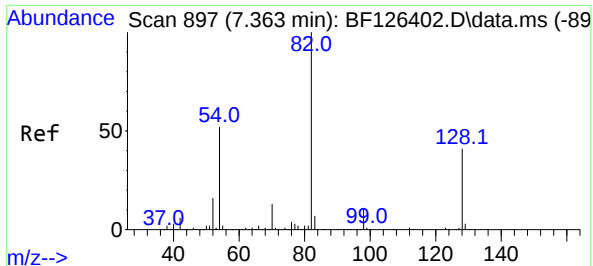
Tgt Ion: 99 Resp: 286920
Ion Ratio Lower Upper
99 100
42 17.3 14.2 21.4
71 27.8 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF126420.D
Acq: 30 Dec 2021 15:19

Tgt Ion:136 Resp: 549913
Ion Ratio Lower Upper
136 100
137 11.7 8.6 13.0
54 10.7 7.8 11.6
68 9.4 6.3 9.5

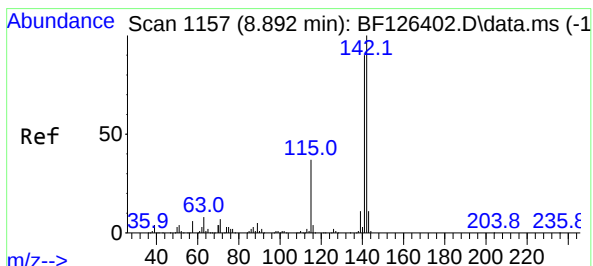
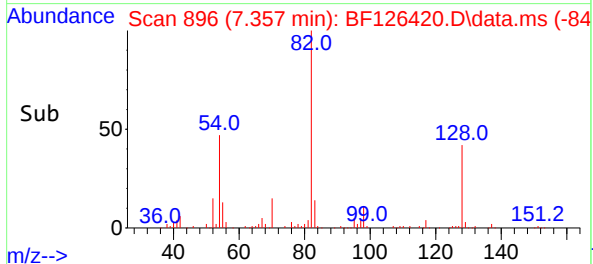
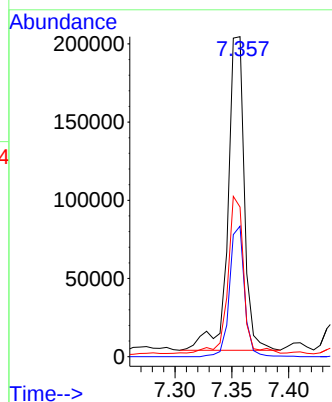
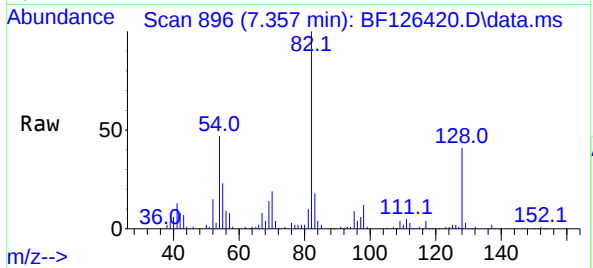




#23
Nitrobenzene-d5
Concen: 18.950 ng
RT: 7.357 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF126420.D
Acq: 30 Dec 2021 15:19

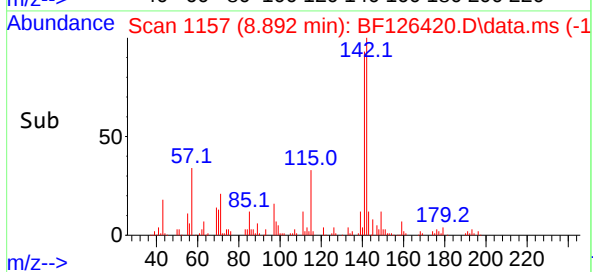
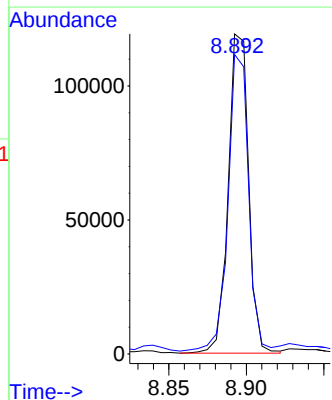
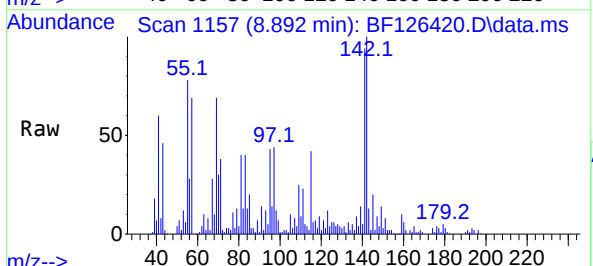
Instrument :
BNA_F
ClientSampleId :
TP-1S

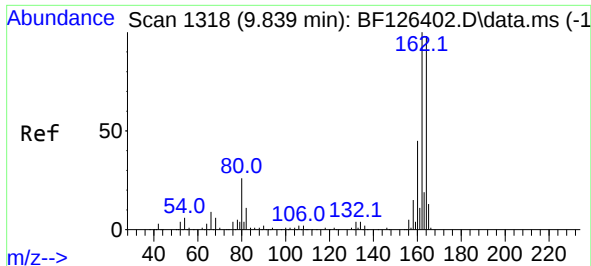
Tgt Ion: 82 Resp: 202950
Ion Ratio Lower Upper
82 100
128 40.8 32.7 49.1
54 46.7 41.7 62.5



#38
1-Methylnaphthalene
Concen: 7.367 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF126420.D
Acq: 30 Dec 2021 15:19

Tgt Ion: 142 Resp: 109063
Ion Ratio Lower Upper
142 100
141 93.6 72.1 108.1

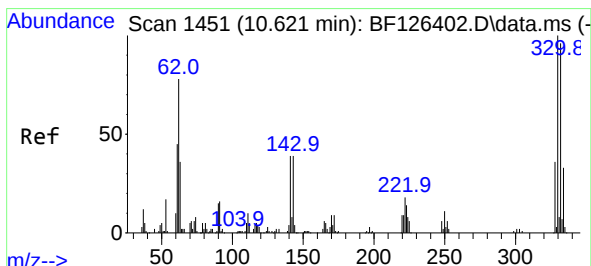
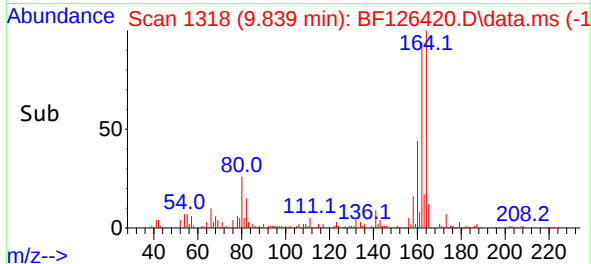
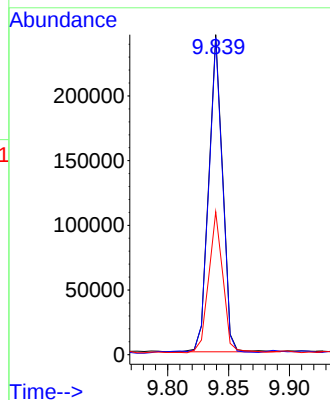
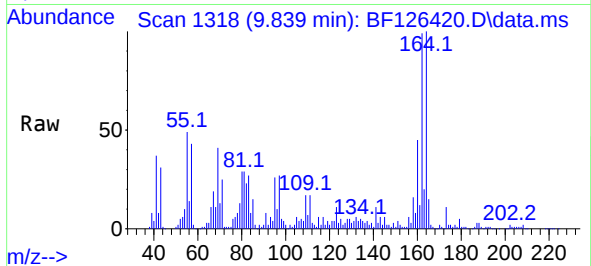




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126420.D
Acq: 30 Dec 2021 15:19

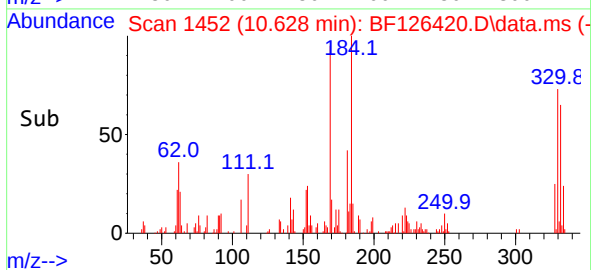
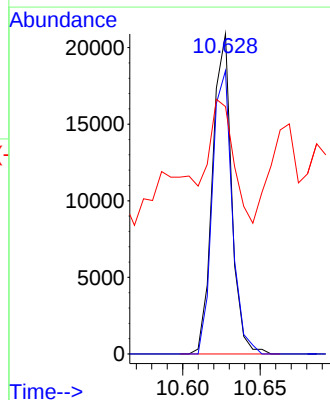
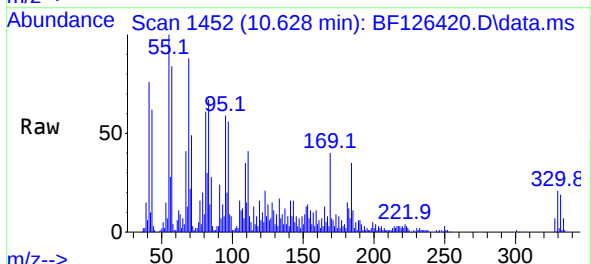
Instrument :
BNA_F
ClientSampleId :
TP-1S

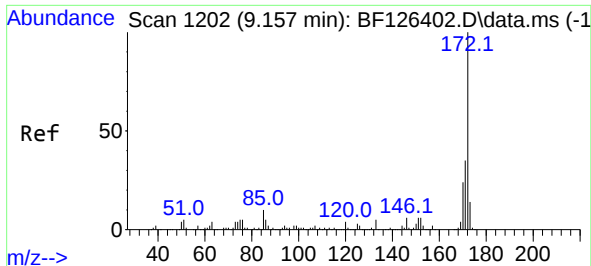
Tgt Ion:164 Resp: 193406
Ion Ratio Lower Upper
164 100
162 99.0 81.4 122.0
160 44.7 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 11.946 ng
RT: 10.628 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF126420.D
Acq: 30 Dec 2021 15:19

Tgt Ion:330 Resp: 17853
Ion Ratio Lower Upper
330 100
332 92.0 76.0 114.0
141 48.2 30.1 45.1#

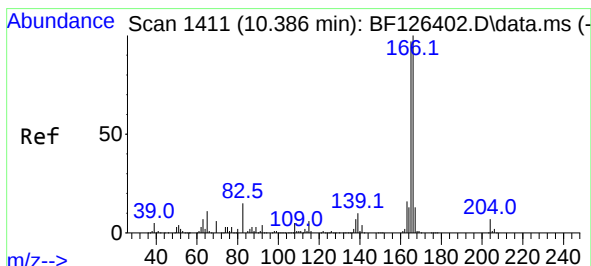
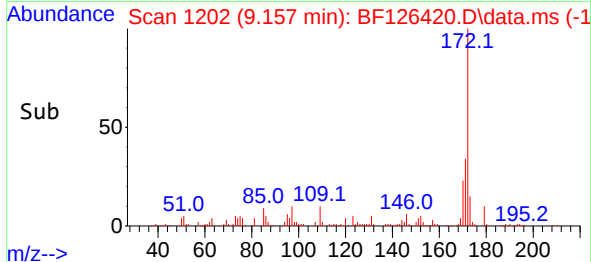
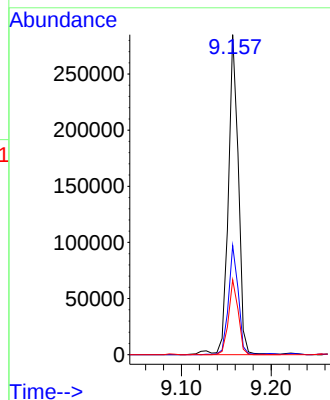
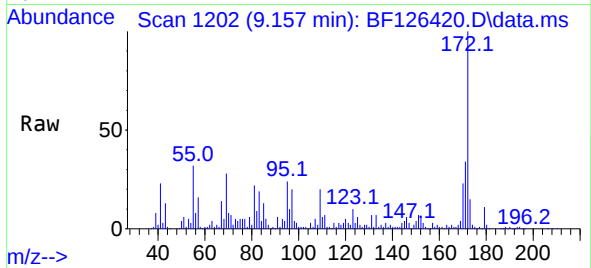




#45
2-Fluorobiphenyl
Concen: 20.222 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126420.D
Acq: 30 Dec 2021 15:19

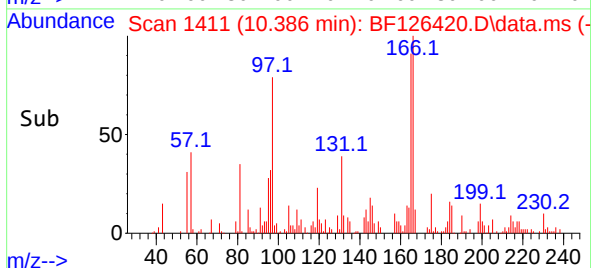
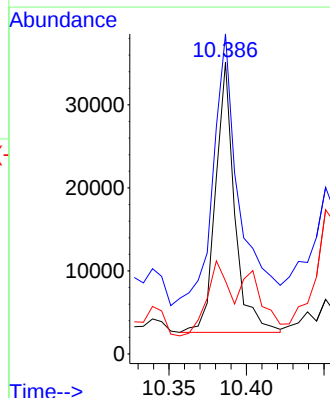
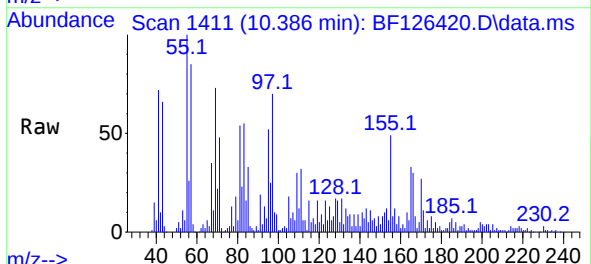
Instrument :
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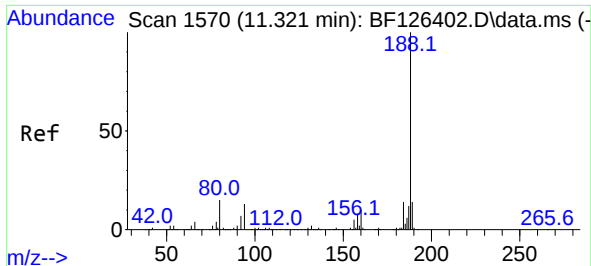
Tgt Ion:172 Resp: 222254
Ion Ratio Lower Upper
172 100
171 34.1 28.3 42.5
170 23.4 19.0 28.6



#58
Fluorene
Concen: 2.724 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF126420.D
Acq: 30 Dec 2021 15:19

Tgt Ion:166 Resp: 27816
Ion Ratio Lower Upper
166 100
165 109.7 77.7 116.5
167 25.0 10.7 16.1#



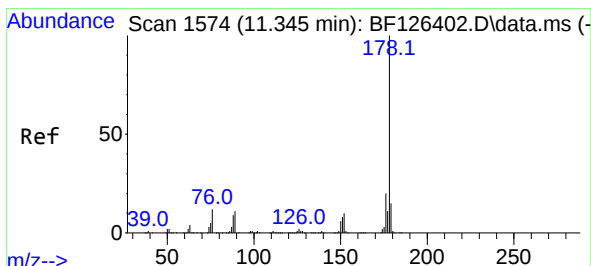
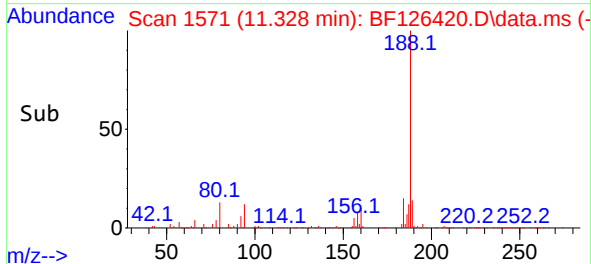
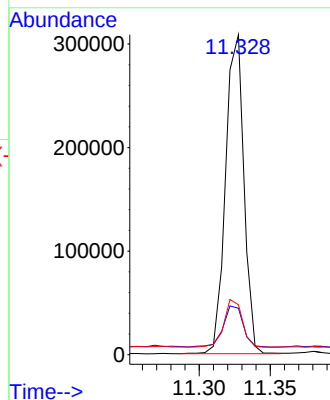
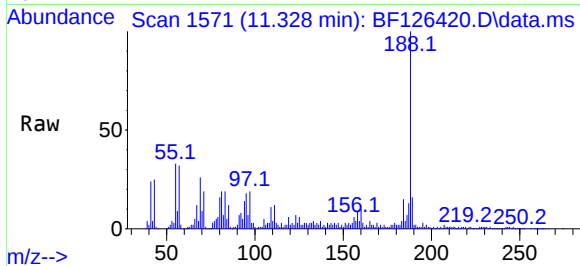


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1571
Delta R.T. 0.006 min
Lab File: BF126420.D
Acq: 30 Dec 2021 15:19

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:188 Resp: 276235

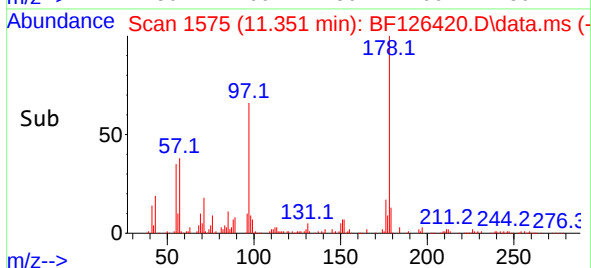
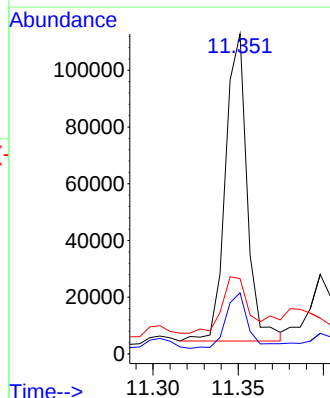
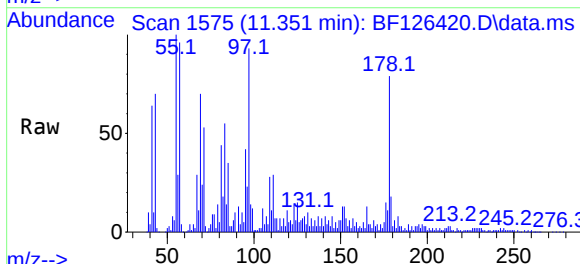
Ion	Ratio	Lower	Upper
188	100		
94	14.5	10.1	15.1
80	15.6	11.8	17.6

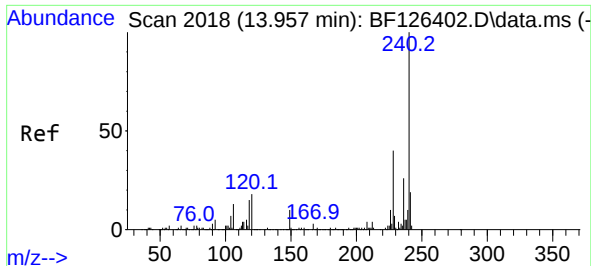


#71
Phenanthrene
Concen: 6.790 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BF126420.D
Acq: 30 Dec 2021 15:19

Tgt Ion:178 Resp: 95897

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.7	23.5
179	23.6	12.3	18.5

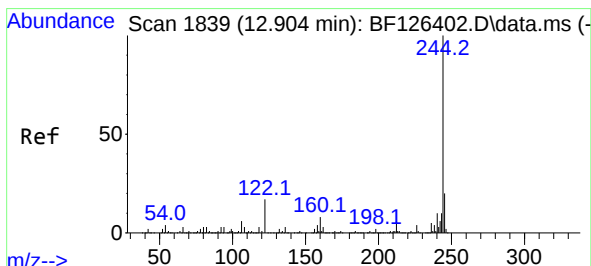
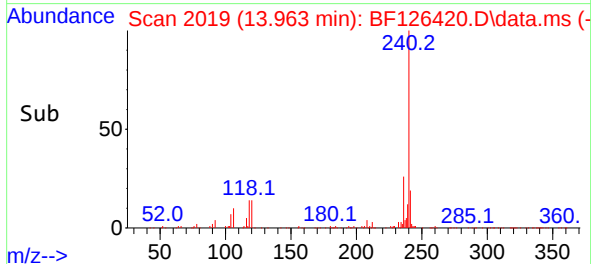
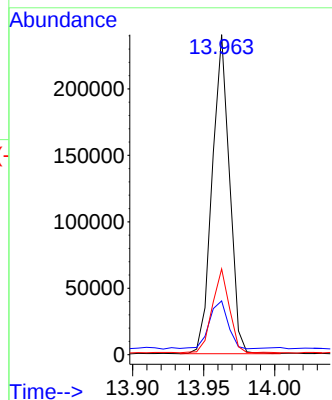
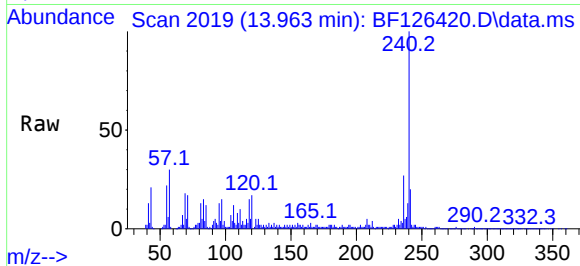




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF126420.D
Acq: 30 Dec 2021 15:19

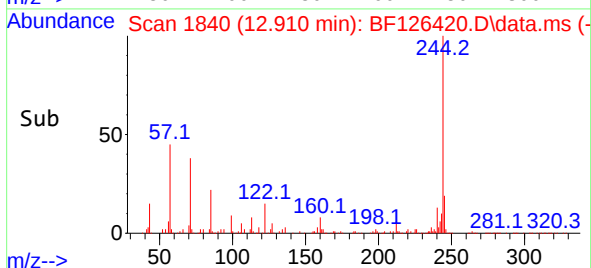
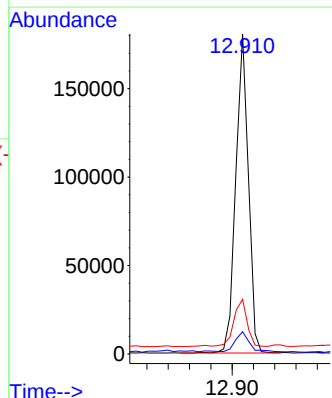
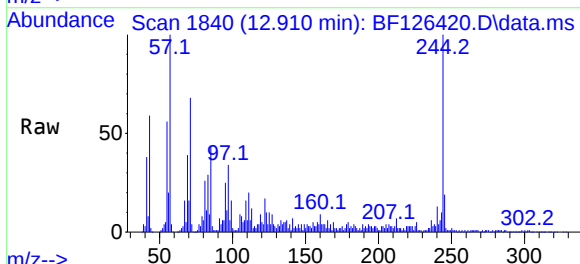
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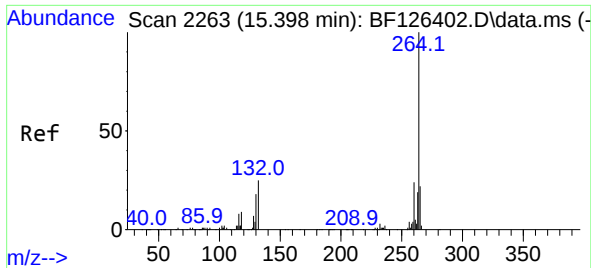
Tgt Ion:240 Resp: 203850
Ion Ratio Lower Upper
240 100
120 16.8 14.4 21.6
236 26.8 20.5 30.7



#79
Terphenyl-d14
Concen: 14.129 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.006 min
Lab File: BF126420.D
Acq: 30 Dec 2021 15:19

Tgt Ion:244 Resp: 148244
Ion Ratio Lower Upper
244 100
212 7.0 5.0 7.4
122 17.1 13.3 19.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.398 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF126420.D
 Acq: 30 Dec 2021 15:19

Instrument :
 BNA_F
 ClientSampleId :
 TP-1S

Tgt Ion:	264	Resp:	163639
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.2	17.4	26.2

